

ABSTRACT

An image processing system (250) and method (300) are disclosed for correcting a head pose in a video phone image, so that a frontal view is presented on a display. A disclosed head pose corrector (250) estimates the orientation of a head pose and
5 adjusts the orientation of the head pose, if necessary, to present a frontal view. The orientation of the head pose is adjusted by generating a three dimensional model of the face surface and adjusting the orientation of the three dimensional face model to provide the desired frontal view. The head pose corrector (250) may be included in a video phone (100) to correct the head pose of transmitted or received images (or both) or may be
10 included in a server on a network to automatically adjust the head shots of one or more participants to a video phone communication.